

Sub B6
A1
5. (amended) A Pumping arrangement as claimed in claim 1 wherein said fluid connection between said outlet and inlet of said centrifugal pump is provided with at least one nozzle at the inlet for injection of bled fluid into the delivery line of said inlet of said centrifugal pump.

A2
7. (amended) A Pumping arrangement as claimed in claim 5 wherein said at least one nozzle is oriented in respect of the delivery line of the inlet so as to impart a prerotation force onto the main inlet side fluid delivery.

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9. (amended) A Pumping arrangement as claimed in claim 1 wherein said impeller is not of a substantially greater diameter than said conventional pump.

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A3
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10. (amended) A Pumping arrangement as claimed in claim 1 wherein the impeller is one modified from a one of a centrifugal pump which would be ordinarily (to operate at or about peak efficiency) designated to pump in a similar situation to the pump of the present invention but where the fluid is liquid only, said modification including the removal of vanes to provide said larger passageways, but to a limit of no less than 2 vanes remaining present.

11. (amended) A Pumping arrangement as claimed in claim 1 wherein said impeller has between 2 and 4 vanes.

12. (amended) A Pumping arrangement as claimed in claim 1 wherein
said impeller has 4 vanes.

15. (amended) A method of pumping as claimed in claim 13 wherein said method further includes the provision of a means to measure the volumetric rate and head of pressure of delivered fluid, the measurements taken to be utilised in setting of the flow control means.

16. (amended) A method of pumping as claimed in claim 13 wherein said bleeding includes prior to the injection of said fluid, the splitting of fluid into at least two separated flow paths, wherein for each flow path there is an injection nozzle provided to inject the flow into the main suction flow to said centrifugal pump.

17. (amended) A method of pumping as claimed in claim 13 wherein said injection of said bled fluid is in a manner which induces a rotation onto the main suction flow of fluid.